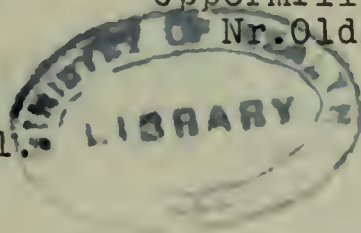


Health Department,
Council Offices,
Uppermill,
Nr. Oldham.

To the Chairman and Members of the
Saddleworth Urban District Council.



Ladies and Gentlemen,

I have the honour to submit the Annual Report for the year 1945, and wish to express my thanks to the Officials of the Council for their assistance in compiling this Report.

SECTION A.

STATISTICS AND SOCIAL CONDITIONS

Area - 18,485 acres (1,555 acres formed the old Springhead Urban District). Included in the area is much enclosed moorland which forms the gathering grounds of the many reservoirs of neighbouring large towns.

Population - 15,540
Number of inhabited houses - 5830
Rateable Value - £103,422
Product of a Penny Rate - £395

Chief industries are woollen industries, calico printing, engineering, paper-making, wall-paper manufacture, and dairy farming.

EXTRACTS FROM VITAL STATISTICS OF THE YEAR (1945)

BIRTHS

	<u>Males</u>	<u>Females</u>
Legitimate	111	106
Illegitimate	8	4
Total Live Births -	229	

Birth Rate per 1,000 of the estimated resident population - 14.7.

<u>Still Births</u>	<u>Males</u>	<u>Females</u>
Legitimate	4	2
Illegitimate	1	-
Total Still Births -	7	

DEATHS

	<u>Males</u>	<u>Females</u>	<u>Total</u>
In District	114	121	235
Transferable Deaths (Inward)	<u>37</u>	<u>37</u>	<u>74</u>
Totals	<u>151</u>	<u>158</u>	<u>309</u>

Death Rate per 1,000 of the estimated population - 19.2.

Death of Infants under 1 year of age - Males 2 Females 6.

Death Rate of all Infants under 1 year of age per 1,000 Live Births:-
34.9.

PRINCIPAL CAUSES OF MORTALITY
(Deaths out of District not included)

	<u>Total</u>	<u>Males</u>	<u>Females</u>
Typhoid and Paratyphoid	-	-	-
Measles	-	-	-
Scarlet Fever	-	-	-
Whooping Cough	-	-	-
Diphtheria	1	1	-
Influenza	-	-	-
Encephalitis Lethargica	-	-	-
Cerebro-Spinal Fever	1	-	1
(Tuberculosis of Respiratory System (Phthisis)	5	4	1
(Other tubercular diseases)	4	1	3
Syphilitic Diseases	-	-	-
<u>Cancer</u>			
Cancer of buccal cavity and oesophagus	2	2	-
Cancer of Uterus	4	-	4
Cancer of Stomach and Duodenum	5	2	3
Cancer of Breast	7	-	7
Cancer of all other sites	18	7	11
Diabetes	3	2	1
Cerebral Haemorrhage, etc.	22	16	6
Heart Disease	64	28	36
Other Circulatory Diseases	9	7	2
Bronchitis	25	16	9
Pneumonia (all forms)	9	4	5
Other Respiratory Diseases	2	2	-
Peptic Ulcer	2	1	1
Diarrhoea, etc., (under 2 years)	-	-	-
Appendicitis	1	1	-
Other Digestive Diseases	6	3	3
Nephritis (Acute and Chronic)	14	8	6
Puerperal Sepsis	-	-	-
Other Maternal Causes	-	-	-
Premature Birth	-	-	-
Infant Birth Injuries	5	2	3
Suicide	-	-	-
Other Violence	4	1	3
All other causes	21	5	16
Road Traffic Accidents	1	1	-
Acute Polio-Myelitis and polio encephalitis	-	-	-
Totals	<u>235</u>	<u>114</u>	<u>121</u>

SECTION B.GENERAL PROVISION OF HEALTH SERVICES
STAFF - PUBLIC HEALTH OFFICERS.Medical Officer of Health:

P.B.Wood, M.B., Ch.B.

Sanitary Inspector (up to 27th~~th~~ September, 1945):

H.W.Nowell, Assoc. M.C.T., M.S.I.A.

Housing Surveyor:

B.Castle, M.Inst. M. & Cy. E.

Public Vaccinator:

John Loftus, M.B.

School Nurses:

Nurse Holroyd.

Nurse Hurst.

Sewage Works' Manager:

G.R.C.Marsden, A.M.C.T., (up to 31st August, 1945):

A.Fisher, A.M.I.S.P., (1st November, 1945).

District Nurses:

Nurse Stafford.

Nurse Standring.

Nurse Cook.

Nurse Lyall.

Nurse Tate.

Housing Manager:

George H.Booth, Assoc.M.I.P.L.E.

Laboratory Facilities

These are provided by the County Council Laboratories at Wakefield, where pathological material is examined, free of charge, for suspected Diphtheria, Tuberculosis, Typhoid Fever, etc. Also, the water and milk supplied are examined from time to time. Arrangements also have been made with the Oldham Laboratory Board for the examination of Diphtheria swabs from the Council's area.

Ambulance Services

	Location of Ambulance
For General Purposes, i.e., Medical, Surgical cases and Accidents.	Oldham Fire Station and Mossley Fire Station.
For General Infectious Disease Cases.	Ambulances from various Fever Hospitals at Ashton, Oldham, Hyde and Meltham.

Home Nursing

West Riding Nursing Association, Leeds.

Dobcross and Delph	1 Nurse.
Uppermill and Diggle	1 Nurse.
Greenfield	1 Nurse
Springhead	1 Nurse) 1 Midwife)
Denshaw	No District Nurse.

SECTION B (continued)

Your Council allows an annual grant of £30 to each of the following Nursing Associations:-

Dobcross and Delph Nursing Association		
Uppermill and Diggle	"	"
Greenfield	"	"
Springhead	"	"

Payments varying between 2/6d to 4/-d a year per family are charged for the services of the District Nurses.

Two Nurses (employed by the West Riding County Council) attend the Pre-Natal and Child Welfare Centres at Uppermill, Delph and Springhead. Springhead has a Midwife who attends cases also in Denshaw. In Dobcross, Delph, Uppermill, Diggle and Greenfield, the District Nurses attend midwifery cases.

Child Welfare Clinics

Uppermill - Mechanics Institute, Lee Street,	
Wednesday	2 - 4 p.m.
Springhead - Congregational School	
Friday	2 - 4 p.m.
Delph - Independent Sunday School	
Tuesday	2 - 4 p.m.

Ante-Natal Clinics

Uppermill - Mechanics Institute	
Fourth Thursday of month - 9.30.a.m. to 11.30.a.m.	
Springhead - Congregational School	
Second Monday of month - 2.0.p.m. to 4.0.p.m.	
Delph - Second Thursday of month - 2.0.p.m.	

Tuberculosis Dispensary

Court Street, Uppermill.
Thursday mornings - 10.0.a.m. to 12.0.noon.

HOSPITALS - PUBLIC AND VOLUNTARYInfectious Fever Hospital

Saddleworth has none of its own. Cases are sent to Hospitals of neighbouring Authorities at our expense; but we have no definite legal arrangements with such Authorities. All infectious cases have been sent to Westhulme, Oldham.

Smallpox Hospital

Saddleworth has an old house on the hillside at Runninghill, Diggle, which has in the past served as a Smallpox Hospital.

General Hospitals

Medical and Surgical cases from here are sent to the Manchester Royal Infirmary, Oldham Royal Infirmary, Ashton Infirmary, and less frequently to Huddersfield Infirmary.

SECTION CSANITARY CIRCUMSTANCES OF THE AREAWater Supply

Obtained from the Reservoirs of the Ashton and Joint Board, and Oldham Corporations. The supply is continuous and has been satisfactory.

There are many houses which, by reason of their remote positions, are not on the public supply. These obtain their water from Springs and Wells, and none of these has been closed during the year.

As the water supply is, practically, in all cases (both Reservoirs and Wells) obtained from the Millstone Grit Formation, it is soft on account of peat; but precautions have been taken against its lead dissolving properties.

Samples are taken regularly for examination for plumbosolvency of the two main water supplies. All samples taken during the year proved to be satisfactory.

Drainage and Sewerage

There are still many areas requiring sewerage which are so situated that they could be connected to the public sewers.

There have been no major extensions of the sewerage during the year.

Closet Accommodation

Water Closets	4728
Waste Water Closets	621
Pail Closets	650
Number of pail-closets converted to Water-closets during 1945	8
Number of other closets converted to Water-closets during 1945.....	1
Water-closets for new houses	-

Public Cleansing

The Council employ nine men using three specially designed waggons for the removal of household refuse, and one waggon with tank for nightsoil. House refuse is collected fortnightly, and trade refuse twice per week, in most instances. Pail closets are emptied weekly.

The household refuse is disposed of by the controlled tipping system. The nightsoil is now emptied into the sewer at the old Sewage Works' Site, Dobcross.

SANITARY INSPECTION OF THE AREACamping Sites

There are two camping sites in the district - one at Wood Camping Ground at Denshaw, and the other at Summershades, Greenfield. The latter site is licensed by the Council for camping purposes.

Eradication of Bed-bugs

No case of infestation was found in any house during the year.

SECTION C (continued)Factories and Workshops

There are seventy factories and workshops in the area.

Inspection

Visits were paid to the factories and workshops to note matters concerning cleanliness, overcrowding, temperature, ventilation, drainage of floors and sanitary conveniences.

Smoke Observations

No action was taken in connection with smoke-abatement.

SECTION D:HOUSING

No plans were approved by the Council during the year for the erection of any houses, whether by themselves or by private enterprise.

SECTION EINSPECTION AND SUPERVISION OF FOODMilk Supply

Seventy-one visits have been made to dairy farms during the year, and improvements to shippens and dairies have been made at several farms.

Eight samples of milk were taken for bacteriological examination.

There are twelve licences in force for the production of Accredited Milk, and four for the production of Tuberculin Tested Milk.

Meat and Other Foods

As the result of inspection, 3 cwts, 3 qrs. 9 lbs of foodstuffs, and 152 tins of meat, fish, milk, etc., were condemned as unfit for human consumption.

SECTION FPREVALENCE OF AND CONTROL OVER
INFECTIOUS AND OTHER DISEASESNotifiable Diseases

Notifiable Diseases	Total Cases Notified	Cases Admitted to Hospital	Total Deaths
Smallpox	0	0	0
Scarlet Fever	35	18	0
Diphtheria	4	6	1
Puerperal Pyrexia	1	0	0
Pneumonia	8	0	9
Erysipelas	6	0	0
Whooping Cough	43	0	0
Measles	94	1	0
Cerebro Spinal Meningitis	1	0	1
Totals	<u>192</u>	<u>25</u>	<u>11</u>

SECTION F (continued)Diphtheria ImmunisationDiphtheria Immunisation in relation to child population.

	<u>1945</u>	<u>1944</u>	<u>1943</u>
<u>Estimated mid-year child population</u>			
Under 5 years	966		
5-15 years	<u>1990</u>		
Total under 15 years	<u>2956</u>		
<u>Number of children immunised during year</u>			
Under 5 years	176	150	92
5-15 years	<u>35</u>	<u>66</u>	<u>106</u>
Total under 15 years	<u>211</u>	<u>216</u>	<u>198</u>
<u>Total number of children considered immunised at 31st December, 1945.</u>			
Under 5 years	723		
5-15 years	<u>1502</u>		
Total under 15 years	<u>2225</u>		
<u>Percentage of child population considered immunised at 31st December, 1945</u>			
Under 5 years	74.8%	39.2%	35.9%
5-15 years	75.4%	89.3%	85.3%

The percentage of child population immunised at 31st December, 1945.....75.2%.

It will be seen that there is a yearly increase in the percentage of child population immunised, attributed to a marked increase in the children of pre-school age.

Diphtheria Notifications and Deaths in relation to Immunisation for the year ended 31st December, 1945.

<u>Notifications</u>			<u>Deaths</u>		
Age at date of notification.	Number of cases notified.	Number of cases included in preceding columns in which the child had completed a full course of immunisation.	Age at date of death	Number of deaths	Number of cases included in preceding columns in which the child had completed a full course of immunisation.
Under 1	-	-	Under 1	-	-
1	-	-	1	-	-
2	-	-	2	-	-
3	1	-	3	-	-
4	-	-	4	-	-
5-9	2	1	5-9	1	-
10-14	-	-	10-14	-	-
Totals	3	1	Totals	1	-

SECTION F (continued)Incidence of Diphtheria

Old Saddleworth	1932 and 1933	- 9 cases notified		
	1934 and 1935	- 49	"	"
	1936	11	"	"
New Saddleworth	1937	15	"	"
	1938	3	"	"
	1939	nil		
	1940	1	"	"
	1941	6	"	"
	1942	5	"	"
	1943	8	"	"
	1944	11	"	"
	1945	4	"	"

The Council has authorised the free provision of Diphtheria Antitoxin for the use of Saddleworth residents, with the approval of the Medical Officer of Health.

Incidence of Tuberculosis

	<u>Pulmonary</u>		<u>Non-Pulmonary</u>	
	M.	F.	M.	F.
Number of cases on Register at 31st December, 1944.	11	13	15	27
Number of cases on Register at 31st December, 1945	16	17	18	28

New Cases of Tuberculosis during 1945.

Age Periods	<u>Pulmonary</u>		<u>Non-Pulmonary</u>	
	Males	Females	Males	Females
0 - 1.	-	1	-	-
1 - 5	-	-	-	-
5 - 15	-	-	1	-
15 - 25	1	2	-	-
25 - 35	-	-	1	-
35 - 45	2	1	-	1
45 - 55	-	-	-	-
55 - 65	3	1	-	-
65 and upwards	-	-	-	-
Totals	<u>6</u>	<u>5</u>	<u>2</u>	<u>1</u>

There were five deaths from Tuberculosis of the Respiratory System (Phthisis), and four deaths from other Tubercular Diseases during the year.

GENERAL OBSERVATIONS

The recommendations placed before the Health Committee of the Council in November, 1944, were considered, and in February, 1945, the following increase in the staff was decided upon, i.e., one Senior Sanitary Inspector, one Additional Sanitary Inspector, and one Clerk Shorthand Typist.

I am, Ladies and Gentlemen,

Yours obediently,

P. B. Wood

Medical Officer of Health.

THE ANNUAL REPORT OF THE SENIOR SANITARY INSPECTOR
FOR THE YEAR ENDED 31ST DECEMBER, 1945.

To the Chairman and Members of the Urban District Council of Saddleworth.

Ladies and Gentlemen,

I wish to submit the Annual Report for the year 1945.

GENERAL STATISTICS

Area	18,485 acres
Population	15,540
Number of inhabited houses	5,830
Rateable Value	£103,422
Sum represented by a Penny Rate.	£395.

STATEMENT AS TO PREMISES IN THE DISTRICT AND THEIR SANITARY
ACCOMMODATION.

Number of houses	5,825
Factories and Workshops	70
Lock-up Shops, etc.	186
Pail-closets	650
Water-closets	4,728
Waste Water-closets	621
Earth-closets	88
Ashpits (covered and open)	87
Ashbins	4,378

Eight Pail-closets and one Waste Water-closet were converted to fresh Water-closets during the year.

PETROLEUM LICENCES

Twenty-eight Licences for the storage of Petroleum Spirit, and one for the storage of Calcium Carbide were granted during the year.

NUISANCE INSPECTIONS

Total number of Inspections made	784
Number of nuisances found requiring abatement.	481
Number of nuisances abated	426
Number of Informal Notices served	162
Number of Informal Notices complied with	131
Number of Statutory Notices served	2
Number of Statutory Notices complied with.	2

Considerable difficulty was experienced in getting building and housing repair work carried out, due to shortage of labour and materials.

WATER SUPPLIES

Five houses previously supplied from private sources were connected to a main piped supply during the year.

Fourteen samples of water (four for chemical examination, and ten for bacteriological examination) were taken during the year.

DAIRIES AND COWSHEDS

Seventy-one visits were made during the year to dairy farms, and improvements were carried out at several shippons and dairies in the District.

Eight samples of milk were examined bacteriologically, and these were found to be satisfactory.

One application for a Licence for milk production was granted during the year.

There are twelve Licences in force for the production of Accredited milk, and four for the production of Tuberculin Tested milk.

SLAUGHTERHOUSES

No slaughterhouses have been in use in the District during 1945.

FOOD INSPECTION

During the year fourteen visits were made in connection with Food Inspection, and the following foodstuffs were found to be unfit for human consumption:-

- 3 - 1 lb tins of stewed steak
- 2 - 2 $\frac{1}{2}$ lb tins of pork luncheon meat
- 2 - 6 lb tins of pork loaf
- 3 - 6 lb tins of tongue
- 1 - 6 lb tin of corned beef
- 2 cwts of potatoes
- 30 $\frac{1}{4}$ lbs of sultanas
- 13 lbs of beef
- 6 tins of sardines
- 3 tins of salmon
- 3 tins of marmalade
- 8 tins of fish
- 9 tins of sausage meat
- 1 tin of beef loaf
- 10 tins of pilchards
- 16 tins of beans
- 24 tins of condensed milk
- 10 tins of chopped ham
- 1 tin of soup
- 140 lbs of sausage rusk
- 17 lbs of butter
- 2 - 12 oz. tins of luncheon meat
- 5 lbs of figs.
- 48 tins of peas.

SALVAGE OF WASTE MATERIALS

The Council employ three men on salvage work at the Walk Mill Tip, Dobcross, where three paper-baling machines, and one tin-baling machine are in use.

The following Tables show the weights and values of salvage sold during the year:-

	<u>Weight</u>				<u>Value</u>		
	T.	C.	Q.	LBS.	£.	s.	d.
Paper	82.	10.	3.	0	504.	5.	7.
Tins	37.	1.	0.	0.	51.	17.	4.
Scrap Iron	7.	7.	2.	0.	12.	1.	6.
Mixed Metals	4.	0.	0.		5.	0.	0.
Aluminium (rolled)		3.	0.		1.	1.	0.
Brass		2.	0.			9.	0.
Lead		1.	14.			3.	6.
Textiles	1.	7.	0.	22.	12.	15.	5.
Woollens		1.	3.	16.	6.	12.	6.
Clean rags	2.	7.	3.	11.	33.	9.	10 ¹ / ₂
Soiled rags		3.	0.	20.		19.	1.
Carpets	13.	0.	0.		1.	12.	5.
Sacking	16.	1.	7.		2.	8.	10.
String	10.	1.	2.		2.	11.	3.
Bottles	12.	12.	2.	0.	18.	18.	9.
Bones		8.	0.	0.	2.	2.	0.
Paper tubes		5.	3.	0.		14.	4.
Totals	146.	10.	2.	26.	£657.	2.	4 ¹ / ₂ d

Comparative totals for the year 1944:-

T.	C.	Q.	Lbs	£.	s.	d.
242.	0.	3.	6.	1044.	6.	5.

The District was without a Sanitary Inspector from 27th September, 1945, until the end of the year, and I wish to thank the Officials of the Council for the assistance rendered during that period, and for their help in compiling this Report.

I am, Ladies and Gentlemen,
Your obedient Servant,

J. H. Platt

Senior Sanitary Inspector.

1. The first part of the paper is devoted to a general discussion of the problem. It is shown that the problem is of great importance in the theory of the differential equations of the second order.

2. In the second part of the paper, the author gives a detailed analysis of the problem. It is shown that the problem is of great importance in the theory of the differential equations of the second order.

3. In the third part of the paper, the author gives a detailed analysis of the problem. It is shown that the problem is of great importance in the theory of the differential equations of the second order.

4. In the fourth part of the paper, the author gives a detailed analysis of the problem. It is shown that the problem is of great importance in the theory of the differential equations of the second order.

5. In the fifth part of the paper, the author gives a detailed analysis of the problem. It is shown that the problem is of great importance in the theory of the differential equations of the second order.

6. In the sixth part of the paper, the author gives a detailed analysis of the problem. It is shown that the problem is of great importance in the theory of the differential equations of the second order.

7. In the seventh part of the paper, the author gives a detailed analysis of the problem. It is shown that the problem is of great importance in the theory of the differential equations of the second order.